

—✕— 1918 —✕—

REPORT

ON

THE HEALTH

OF THE

HESTON AND ISLEWORTH

URBAN DISTRICT

FOR THE YEAR 1918

BY

W. BRAMWELL REID, M.B., D.P.H.

MEDICAL OFFICER OF HEALTH.

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THE HEALTH COMMITTEE
OF THE
HESTON AND ISLEWORTH URBAN DISTRICT COUNCIL
FOR THE YEAR ENDING APRIL, 1919.

W. MANN, Esq. (*Chairman*).

C. ARNOLD, Esq. (*Vice-Chairman*).

F. NOWELL, Esq. J.P. (*Chairman of the Council*).

C. CRUSH, Esq. (*Vice-Chairman of the Council*).

J. J. BONNETT, Esq.

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W. W. WOODS, Esq.

Medical Officer of Health:

W. BRAMWELL REID, M.B., D.P.H.

HEALTH DEPARTMENT,
COUNCIL HOUSE, HOUNSLOW.

24th May, 1919.

*To the Chairman and Members of the Heston and Isleworth
Urban District Council.*

GENTLEMEN,

The accompanying report was prepared and in the hands of the late Dr. W. B. Reid, during his illness but he was unfortunately unable to complete it with his signature. I have therefore formally to present it to the Council as your Deputy Medical Officer of Health. I desire only to take advantage of the occasion to express the deep sense of loss felt by myself and the staff at the passing away of the late Medical Officer of Health, after a prolonged period of suffering heroically borne.

I am, Gentlemen,

Your obedient servant,

ALLAN HAIR, M.R.C.S., D.P.H.,
Deputy Medical Officer of Health.

SUMMARY OF VITAL STATISTICS, 1918.

Population—

Registrar-General's estimate of nett	43,129	(Birth rate)
civil population	38,492	(Death rate)
Birth rate (nett)	16·8	
England and Wales	17·7	
London	16·1	
Death rate (nett)	17·9	
England and Wales	17·6	
London	18·9	
Infantile Mortality Rate	86	per 1,000 births
England and Wales	97	„ „
London	107	„ „

VITAL STATISTICS.

Population.

The primary difficulty in presenting the vital statistics for the year under report is that of estimating the population of the district with any degree of accuracy. The data obtained under the National Registration Act are not available to this department, nor, of course, is the number of men still on active service known. It has only been possible, therefore, to estimate in very round figures that the nett civil residents, (*i.e.* excluding enlistments, etc.), at the middle of the year were 40,000. The Registrar-General has furnished an estimate of the civil population as 38,492, but it is not quite clear whether this figure, like the similar figure for 1915, does not exclude residents in local institutions.

Deaths.

The number of deaths registered in the district was 1,302, but 682 of these did not belong to the district, while 69 residents died without the district. Thus the number of deaths properly attributable to the district was 689. Adopting the basis of the population estimated by the Registrar-General, the death-rate for the district comes to 17·9 per 1,000, which is comparable with the following figures:—17·6 for England and 18·9 for London.

Births.

The total number of births registered during the year was 777, but 75 of these did not belong to this district, while 25 births properly belonging to this district occurred outside the district. The nett number of births thus attributable to the district is 727. Adopting the population basis suggested by the Registrar-General for the calculation of the birth-rate, this comes to 16·8 per 1,000. The birth-rate of England and Wales is 17·7 per 1,000.

Legitimacy.

The following figures give the number of illegitimate births :—

LEGITIMATE.

Male.		Female.		Total.
348	...	339	...	687

ILLEGITIMATE.

Male.		Female.		Total.
21	...	19	...	40

Notification of Births Act, 1907.

The following figures give some idea of the work done under the Notification of Births Act, 1907, during the year 1918.

The number of births notified during the year was 729 or 93·8% of the births registered, as compared with 95·7 in 1917, and 91·6% in 1916.

Births visited...	...	...	...	...	501
Feeding—Natural	...	...	...	..	381
Artificial	...	...	...	...	45
Both	...	...	...	...	16
No information	...	...	...	...	59
Still births	...	...	...	...	18
Sleeping with parents	...	...	...	...	306
Using comforter	...	...	...	...	169
Mother working during pregnancy	...	...	...	...	77
Births re-visited	...	...	...	...	3162

Fewer re-visits were paid, as compared with last year, which is attributable to the changes in the Health Visiting Staff during

the year, and to the fact that the time of the Health Visitors is increasingly being taken up in attendance at the various Inspection and Treatment Clinics.

The percentage of children who are receiving mother's milk is about the same as last year, being 86 as compared with 85. The number of women employed during pregnancy has decreased, the percentage being 15 as compared with 18 last year.

Maternity and Child Welfare Centres.

The Baby Clinics are proving successful, but very few persons have, as yet, taken advantage of the Maternity consultations. The children's attendances at the centres were 1,657, as compared with 1,312 in the previous year.

Infant Deaths.

The total number of Infant deaths during 1918 was 63, giving an Infant Mortality rate of 86 per 1,000 births. This figure is lower than that of 1917, which was 117 per 1,000 births. It is also lower than the rate for England and Wales for the same period, 97, and London, 107.

The Infant Mortality rate, as seen from the following table, varies from 40 in Isleworth South Ward, which is the lowest, to 118 in Isleworth North Ward, where the rate is highest :—

HESTON.		ISLEWORTH.	
Heston	... 59	Hounslow South	106
Hounslow North	81	Isleworth North	118
		Isleworth South	40

INFECTIOUS DISEASE.

Cases Removed to Hospital.

During the year, 132 cases (other than Tuberculosis) were removed to hospital. Of these 132, 3 were treated in the Infirmary, 4 were treated in other hospitals, leaving 125 who were treated at Mogden Hospital.

Scarlet Fever.

The following table shews the number of cases which have been notified, and the number and percentage of cases which have been removed to Hospital:—

No. of civil cases notified...	...	...	81
No. of civil cases removed to Hospital...			78
Percentage of cases removed to Hospital			96·3

Four cases were also reported among the military population.

The incidence rate of Scarlet Fever in the civil population was 2·1 per 1,000. One death took place from this cause during the year.

Diphtheria.

The following table shews the number of notifications received, and the percentage of cases of Diphtheria removed to Hospital:—

No. of civil cases notified...	...	...	55
No. of civil cases removed to Hospital...			50
Percentage of cases removed to Hospital			90·9

In addition to these cases, five military cases were reported and were removed to Mogden Isolation Hospital.

The incidence rate per 1,000 of the civil population was 1·4. Three cases occurred in public institutions during the year, the persons affected being non-residents. Five deaths took place from this cause, *i.e.* a case mortality rate of 9 per cent.

Diphtheria Antitoxin.

During 1918, 8 vials of Antitoxin were supplied to medical practitioners.

Typhoid Fever.

Three cases were notified, one of which was removed to Hospital, the other 2 being treated in the Infirmary, but no deaths were recorded from this cause.

Erysipelas.

Eight cases of this disease were notified, of whom 3 were institution cases, the persons affected being non-residents. Two deaths were recorded from this disease.

Puerperal Fever.

Four cases of this disease were notified, of which 3 were institution cases, the persons affected being non-residents.

Ophthalmia Neonatorum.

In this district 11 children were notified as suffering from this disease, 4 of the cases occurring at the Infirmary. This is equal to a case rate of 14·0 per 1,000 births occurring in the district.

Cerebro-Spinal Meningitis.

One (Military) case of this disease was notified.

Acute Polio Myelitis.

No case of this disease was notified.

Measles and German Measles.

The first half of 1918 was characterised by an epidemic of Measles, principally located in Isleworth. The bulk of the civil cases were visited by the Health Visitors. The total numbers of notifications received were:—

		Civil.		Military.
Measles	... ..	330	...	4
German Measles	...	28	,..	1

Pulmonary Tuberculosis.

The number of cases notified during the year was 66. Forty-six cases (or 69%) were notified as receiving institutional treatment: Sanatoria 30, Infirmary, etc. 16.

It will be observed that there has been a substantial increase in the number of deaths from this disease.

Other Forms of Tuberculosis.

The number of cases notified during the year was 17. Twelve of them were notified as receiving institutional treatment.

COUNCIL LABORATORY.

The following specimens were examined in the Laboratory during the year 1918:—Diphtheria, 90; Tuberculosis, 134; Typhoid Fever, 2; Ringworm, 11; Gonorrhœa, 3; Total, 240.

SANITARY ADMINISTRATION.

The remarks which were made in last year's report with regard to the water supply, drainage and sewerage, closet accommodation and scavenging of the district, apply generally to the year under report.

Sanitary Inspection of the District.

Some particulars of the work done are set out in the Appendix to this report.

Nuisances, Contraventions of Byelaws, Defective Drainage, etc.

The number of unremedied *nuisances** brought forward from 1917 was 322. The number of nuisances recorded during the year was 209, but during the year 137 nuisances were remedied, leaving 394 premises in which nuisances still existed at the end of the year.

During the year, nuisances at 16 houses were reported to the Health Committee, which added to the 29 brought forward from 1917, make a total of 45. Statutory notices were authorised and served in most of these cases, and by the end of the year, the nuisances were remedied in 38 of the houses, leaving 7 cases to be carried forward in 1919.

*More properly, *houses* in which nuisances were found.

Premises and Occupations controlled by Bye-laws or Regulations.

There are about 350 premises in this district which call for periodical inspection such as the following:—

Houses let in Lodgings, Common Lodging Houses, Bake-houses, Slaughter-houses, Cowsheds, Dairies and Milkshops, Offensive Trades, Laundries (non factory) and Workshops and Work Places.

Owing to pressure of work, the Inspector of Nuisances has been unable to tabulate the number of inspections and other work in connection with these premises.

HOUSING.

Houses with Sanitary Defects.

The following statement gives the information required by the Local Government Board relative to this class of property, dealt with during the year under the Housing (Inspection of District) Regulations, 1910 :—

	Houses.
Brought forward from 1917	3
Disposed of during the year	3
	—
Carried forward to 1919	nil
	—

Houses Unfit for Human Habitation.

The following statement gives the information which the Local Government Board requires the Medical Officer of Health to furnish for the year ending 31st December, 1918, in relation to houses represented by him as unfit for human habitation :—

Number of houses represented by Medical Officer of Health	nil.
„ Closing Orders made by the Local Authority	nil.
„ appeals against Closing Orders	nil.
„ notices served on occupying tenants... ..	nil.
„ occupying tenants summoned... ..	nil.
„ Orders made by Court requiring occupying tenants to quit	nil.
„ Closing Orders determined	nil.
„ Demolition Orders made	nil.
„ appeals against Demolition Orders	nil.
„ Demolition Orders obeyed	nil.
„ Demolition Orders enforced	nil.
„ demolitions carried out without Demolition Orders being made... ..	nil.

The following table gives more detailed information in regard to the houses remaining on the records at the end of 1917 :—

Table shewing dwelling houses represented as unfit for human habitation.

Premises.	No. of houses represented by M.O.H.	Date Closing Orders made.	Date Closing Orders determined.	Date Demolition Orders made.	Date Demolition Orders obeyed.	Date Demolition enforced.
Br't forw'd from 1917—						
a1-3, Poplar Cottages	3	24/2/14	...	22/12/14		
10-16, Church Street	4	23/2/15	...	26/10/15*		
15, South Street ...	1	27/4/15	...	23/11/15*		
1-4, Baker's Cotts.	4	18/12/15				
St. Alban's Farm and cottage adjoining, Staines Road ...	2	25/7/16		23/10/17*		
24, 26, 28, 30, Lampton Road	4	27/3/17				
	18	18	...	10	...	...

a—Notices served on tenants of Nos. 1 and 3, 18/10/17. Still occupied.

*—Demolition deferred until after the War.

New Houses.

I am informed by the Surveyor that no houses suitable for the working classes were erected during the year.

FOOD.

Milk Supply.

No material change has been observed during the past year in the conditions under which cow-keeping and milk-vending are carried on in the district.

Other Food.

The quantity of unsound food found during the year was as follows :—

Fruit and vegetables	...	1 parcel.
Meat (including Bacon)...	14 cwt. 18½ lbs.	
Fish	...	3 parcels.
Cheese, etc.	...	2 qrs.

13 cwt. of the condemned meat and bacon were disposed of for use as pig food, fat melting, etc.

FACTORY AND WORKSHOP ACT, 1901.

It has been found impracticable to tabulate the inspections made and other work done during the year in connection with premises under this Act.

SHOPS ACTS.

The number of contraventions of the Acts which were reported during the year was as follows:—

Open on half-holidays	—
Notices not exhibited	2
Notices not exhibited in a conspicuous position	1
Notices not in prescribed form	—
Notices (assistants) not exhibited	—
	3

PROCEEDINGS.

Proceedings were taken during the year in respect of:—
(a) nuisances at 12 houses, (b) the exposure of unsound cheese for sale, (c) the non-registration of a cow-keeper.

ROADS.

The condition of many of the roads in the district has given cause for anxiety due to accumulation of stagnant liquids and detritus. The gradual substitution of all water-bound road surfaces by surfaces of an impervious character is a necessity from an hygienic standpoint.

REMOVAL OF REFUSE.

The irregularity in the removal of household refuse due to the War, demands immediate consideration with a view to re-establishing at the earliest possible moment the weekly collection of all refuse, in any case before the advent of the hot weather.

APPENDIX.

Certain tables have been omitted either at the suggestion of the Local Government Board or because the necessary data could not be collected.

TABLE III.

Causes of Death during 1918.

Causes of Death.				Civil Residents all ages.*	Non-residents.†
All causes	Certified ...	...	...	689	682
	Uncertified	...	...	...	...
1	Enteric Fever	...	...	...	...
2	Smallpox	...	...	...	...
3	Measles	...	...	8	2
4	Scarlet Fever	...	...	1	...
5	Whooping-cough	...	...	5	...
6	Diphtheria and Croup	...	...	5	...
7	Influenza	...	...	114	127
8	Erysipelas	...	...	2	...
9	Phthisis (Pulmonary Tuberculosis)	...	...	64	62
10	Tuberculous Meningitis	...	...	5	3
11	Other Tuberculous diseases	...	...	9	10
12	Cancer, malignant disease	...	...	64	54
13	Rheumatic Fever	...	...	2	3
14	Meningitis	...	...	2	7
15	Organic Heart Disease	...	...	62	35
16	Bronchitis	...	...	44	35
17	Pneumonia (all forms)	...	...	62	32
18	Other Diseases, Respiratory Organs	...	...	10	3
19	Diarrhœa and Enteritis	...	...	11	16
20	Appendicitis and Typhlitis	...	...	—	—
21	Cirrhosis of Liver	...	...	2	2
21a	Alcoholism	...	...	...	2
22	Nephritis and Brights Disease	...	...	13	15
23	Puerperal Fever	...	...	...	2
24	Other accidents and diseases of Pregnancy and Parturition	...	...	2	2
25	Congenital Debility & Malformation including Premature Birth	...	...	27	10
26	Violent Deaths, excluding suicide	...	...	18	24
27	Suicide	...	...	1	2
28	Other defined diseases	...	...	156	234
29	Diseases ill-defined or unknown	...	...	...	...
				<u>689</u>	<u>682</u>

*According to figures furnished by the Registrar General.

†Including soldiers who died in the district.

Infantile Mortality during the year 1918.

Nett Deaths from stated Causes at various Ages under 1 Year of Age.

CAUSE OF DEATH.				Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks.	4 weeks and under 3 mts.	3 mts. and under 6 mts.	6 mts. and under 9 mts.	9 mts. and under 12 mts.	Total Deaths under 1 year.
All causes	Certified	...	...	...						
	Uncertified	...	...	...						
{	Smallpox	...	...	...						
	Chickenpox	...	...	...						
	Measles	...	...	...						
	Scarlet Fever	...	...	...						
	Whooping Cough	...	...	...	...	...	...	...	...	I	...	...	I
	Diphtheria and Croup	...	...	...						
	Erysipelas	...	...	...						
	Tuberculous Meningitis	...	...	...						
	Abdominal Tuberculosis	...	...	...						
	Other Tuberculous Diseases	...	...	...						
	Meningitis (not Tuberculous)	...	...	...						
	Convulsions	...	...	...	2	...	...	2	...	...	...	...	2
	Laryngitis	...	...	...						
	Bronchitis	...	...	...	...	...	...	...	...	3	...	I	4
	Pneumonia (all forms)	...	...	...	...	...	...	...	I	I	I	5	8
	Diarrhoea	...	...	...						
	Enteritis	...	...	...	...	...	...	...	3	2	I	I	7
	Gastritis	...	...	...	...	...	...	...	I	...	...	...	I
	Syphilis	...	...	...	...	...	...	...	I	...	...	...	I
	Rickets	...	...	...						
	Suffocation, overlying	...	...	...						
	Injury at Birth	...	...	...	2	...	I	3	...	...	...	...	3
	Atelectasis	...	...	...	2	...	...	2	I	...	...	...	3
	Congenital Malformations	...	...	...	...	...	...	...	2	...	...	...	2
	Premature Birth	...	...	...	12	2	I	15	3	...	...	...	18
	Atrophy, Debility and Marasmus	...	...	...	I	I	...	2	3	2	...	...	7
	Other Causes	...	...	...	1	I	...	2	...	I	2	I	6
				20	4	2	...	26	15	10	4	8	63

Nett Births { Legitimate 687
 Illegitimate 40

Nett Deaths { Legitimate infants ... 53
 Illegitimate infants ... 10

HESTON & ISLEWORTH URBAN DISTRICT COUNCIL.

HEALTH DEPARTMENT,

COUNCIL HOUSE, HOUNSLOW.

22nd May, 1919.

Canal Boats Acts, 1877 and 1884.

SIR,

In accordance with Section 3 of the Canal Boats Acts, 1884, I beg herewith to present the Annual Report for the year ending 31st December, 1918, as to the execution of the Canal Boats Acts, 1877 and 1884, and of the Regulations made thereunder, within the Urban District of Heston and Isleworth, Middlesex.

During the absence of Mr. W. E. Balchin on military duty, Mr. R. H. Butler (Inspector of Nuisances) has continued to act as Canal Boat Inspector, but owing to the reduction of the Inspectorial Staff due to enlistment and removal, it has not been possible to make any inspections.

*I am, Sir,**Your obedient servant,*

ALLAN HAIR,

*Deputy Medical Officer of Health.**(for the late Medical Officer of Health).**The Secretary,**Local Government Board.*

Table X. Sanitary Work.

Inspections :—

It has been impracticable to tabulate the number of inspections made.

Action Taken (other than under Housing, Town Planning, &c., Act, 1909 :—

Preliminary or Intimation Notices given...	...	158
Second notices sent	... ..	18
Statutory notices issued	... ..	17
Proceedings taken...	... ..	14

Dwelling Houses and action under Housing, Town Planning, &c., Act, 1909 :—*See pages 11-12.*

Unsound Food :—

(a) Animals seized...	... ..	—
(b) Articles or parcels seized...	... ..	2
Animals condemned by Magistrate	... ..	—
Articles or parcels condemned by Magistrate	... ..	2
Articles or parcels surrendered	... ..	21
Carcase surrendered	... ..	1
Organs or parts surrendered during slaughtering	... ..	—

Water Supply and Water Service :—

Supply provided	... ..	7
Cisterns cleansed, repaired, covered, etc....	... ..	4
Draw-taps placed on mains	... ..	2
Water service pipes or taps repaired	... ..	1

Drainage and Sewerage of existing Buildings:

Water closets—

Repaired, supplied with water or otherwise improved	50
---	----

Drains—

Unstopped	23
Waste pipes (2), rain-water pipes (5), provided, disconnected, repaired, etc.	7
Gullies inserted or improved	10
Fresh air inlets provided or repaired ...	1
Soil pipes or ventilating shafts fixed or repaired	2
Disconnecting traps or chambers inserted or repaired	2

Dust:

New ash bins provided	17
------------------------------	----

Sundry Nuisances abated:

Overcrowding	2
Accumulation of refuse	5
Dampness	8
Roofs repaired	23
Guttering provided, repaired or unstopped ...	13
Rooms stripped and cleansed (after infectious disease)	75
Other rooms stripped and cleansed	28
Other Internal repairs	62
Yards paved, repaired or drained	6
Other nuisances	13

HESTON AND ISLEWORTH URBAN
DISTRICT EDUCATION COMMITTEE.

ELEVENTH

ANNUAL REPORT

OF THE

SCHOOL MEDICAL OFFICER

FOR THE

YEAR ENDING 31ST DECEMBER, 1918.

MEMBERS OF EDUCATION COMMITTEE, 1918-19.

H. J. NIAS, Esq. (*Chairman*).

S. SMITH, Esq. (*Vice-Chairman*).

Members of the Council:—

F. NOWELL, Esq., J.P. (*ex-officio, Chairman of the Council*).

C. CRUSH, Esq. (*ex-officio, Vice-Chairman of the Council*).

S. SMITH, Esq. (*Vice-Chairman of the Education Committee*).

C. ARNOLD, Esq.

F. W. LANGSTONE, Esq.

J. J. BONNETT, Esq.

W. G. LOBJOIT, Esq., J.P., C.C.

A. E. HALES, Esq.

H. R. PEAKE, Esq.

E. W. HEATH, Esq.

J. WEATHERS, Esq.

W. W. WOODS, Esq.

Selected Members—

Mrs. W. H. DUMSDAY.

E. W. GOODE, Esq.

Mrs. C. F. EVA.

P. MURPHY, Esq.

H. J. NIAS, Esq. (*Chairman*).

Late School Medical Officer: W. BRAMWELL REID, M.B., D.P.H.

HEALTH DEPARTMENT,

COUNCIL HOUSE,

HOUNSLOW.

The accompanying report was prepared and in the hands of the late Dr. W. B. Reid during his illness, but he was unfortunately unable to complete it with his signature.

J. HENRY LLOYD, *Chief Clerk*.

24th May, 1919.

GENERAL SUMMARY.

117 visits were made to school departments for the purpose of Routine Medical Inspection. In addition, numerous other visits were made regarding Medical Treatment Cases, Special Cases, Infectious Diseases, etc.

From the tables at the end of the report, it will be seen that this year the total number of children examined was 3,655, as against 4,108 last year. These 3,655 children were examined 5,160 times, as against 6,063 examinations during 1917.

ROUTINE MEDICAL INSPECTION.

The selection of children due for this inspection during 1918 included those born during the years 1912, 1909 and 1906, and those absent at last Medical Inspection.

915 parents, or 47 per cent., attended the inspection. Objections to the examination of their children were received from parents in 7 instances.

There is a general improvement in the conditions found in respect of:—

Clothing	... ..	94·4 %	satisfactory	(1917, 86·3 %)
Footgear	... ..	88·3 %	„	(1917, 83·1 %)
Cleanliness of Body...		96·7 %	„	(1917, 92·8 %)

but *Cleanliness of the Head* shows a slight deterioration, 82·2 % only being satisfactory as compared with 86·9 % last year.

A deterioration in *Nutrition* has been recorded, 83·0 per cent. being classed as normal, 12·4 per cent. as below normal, and 4·6 per cent. as bad, as compared with 89·8, 9·2 and 1·0 per cent. respectively, in 1917.

The observations in respect of *Dental Conditions* show a distinct improvement on last year's, 35·4 per cent. being sound, 44·2 per cent. having less than four decayed teeth, and 20·4 having four or more decayed teeth.

Little change can be noted as regards the number of *Nose and Throat Defects* and cases of external *Eye Diseases*.

25·8 per cent. of the children tested this year were found to have *Defective Vision*: 12·3 per cent. less than 6/6, but not less than 6/9 in one or both eyes, 13·5 per cent. less than 6/9 in one or both eyes. In 1914 32·0 per cent. of the children tested were found to have defective vision.

In accordance with the request of the Chief Medical Officer of the Board of Education, the defects found in the course of routine medical inspection have been summarised in Table II. at the end of the report. The number of individual children notified to the parents as needing treatment was 376, or 19·2 per cent., but a further 443 (equal to 22·6 per cent.) were also found to have defects which required to be kept under observation.

INFECTIOUS DISEASE.

The following cases of infectious illness have been notified by School Attendance Officers during the year ending 29th December, 1918:—

Measles.		German Measles.		Mumps.		Chicken Pox.		Whooping Cough.		Total.
145	...	5	...	83	...	136	...	113	...	482

SPECIAL CASES.

The figures in Table III. give in greater detail information relating to children specially referred or coming under notice for the various conditions set out in the table.

Two half-days in each week are devoted to an Inspection Clinic, where cases are referred by the School Attendance Committees, School Attendance Officers and Teachers, also children found on routine medical inspection to be in need of further examination. One clinic is held at the Health Department, the other at the Isleworth Public Hall.

The children referred to the School Medical Officer for nitty or verminous conditions gave rise to the following action:— warning notices, 4; legal notices, 56; prosecutions, 5; resulting in four fines of 5/-, and one of 10/-. It will be observed that

there is a further improvement in the number of cases of nitty and verminous conditions dealt with in 1918, as compared with recent years.

Those children who are excluded are re-examined at frequent intervals, and are followed up in order to encourage the parents to have the condition remedied, and permit the child returning to school. The number of days attendances lost by children thus excluded has declined from 35,438 in 1915 to 19,815 in 1916, 17,432 in 1917, and 16,155 in the year under report.

MEDICAL TREATMENT.

Re-examination.

Although the number of re-examinations made has again been increased, it is quite impracticable to keep pace with the new cases. The figures in Table IV. as to the cases untreated and treated (remedied, improved, etc.) relate therefore only to a minority of the cases on the records, and may be fallacious as an index to the amount of treatment actually sought. As in last year's report, a number of slighter defects have been noted as "improved" and written off accordingly, although no specific information has been given as to their having had treatment.

TREATMENT AT SCHOOL CLINICS.

Defective Vision.

11 sessions have been held at the Alexandra School Clinic by Dr. A. E. Looseley, the Ophthalmologist. Glasses were prescribed in 50 cases (38 cases discovered at routine inspection, and 12 specially referred), and in five other cases glasses were found not to be required, or to be useless on account of other defects.

Ringworm.

17 sessions have been held at the Alexandra School Clinic by Dr. D. Arthur, the Radiographer. 34 cases of Ringworm of the Scalp have been treated.

Minor Ailments.

39 sessions were held and 80 treatments have been given to children.

Dental Inspection and Treatment.

In the latter part of the year, Mr. G. E. Fritche was appointed as School Dentist, and apparatus for a Dental Clinic was installed at the Alexandra School Clinic. Mr. Fritche took up his work on the 3rd October, and has inspected 216 six-year-old children at four schools. The urgency of the need for dental inspection and treatment may be judged from the fact that 185 children (or 85 %) were found to be in need of treatment. Mr. Fritche attended six treatment sessions at the Dental Clinic and gave 54 treatments. A charge of 6d. per attendance is made in respect of dental treatment.

DEFECTIVE CHILDREN.

During the year, further progress has been made in the classification of *Mentally Abnormal* children, detailed examinations of six children having been made, two of them being definitely defective, and one other being classified as an idiot.

The numbers of other defective children have not materially changed since the detailed statement made in the annual report for 1914.

Table I.—NUMBER OF CHILDREN INSPECTED IN 1918.

Code Groups.

Year of Birth...	Entrants.				Intermediates.				Leavers.				Grand Total.
	1912		PREVIOUS YEARS' ABSENTEES	Total.	1909		PREVIOUS YEARS' ABSENTEES	Total.	1906		PREVIOUS YEARS' ABSENTEES	Total.	
	1st	2nd			1st	2nd			1st	2nd			
Half-Year ...	180	103	31	314	175	166	18	359	170	172	15	357	1030
Boys ...	134	96	31	261	152	153	24	329	166	156	17	339	929
Totals ...	513		62	575	646		42	688	664		32	696	1959

Special Cases. Medical Treatment
Re-Examinations.

No. examined ... 986* ... 710

*These 986 special cases involved 2491 examinations.

Table II.—RETURN OF DEFECTS found in the course of Routine Medical Inspection in 1918.

Defects.		No. of new defects found.		No. of new defects found	
		Referred for Treatment.	Under Observation.	Referred for Treatment.	Under Observation.
1 Skin:	Ringworm (Head) ...	...	...	...	1
	Ringworm (Body) ...	...	...	...	...
	Impetigo ...	...	5	...	...
	Scabies ...	...	...	...	...
	Other ...	...	3	...	...
2 Eye:	Defective Vision ...	107	...	...	...
	Blepharitis ...	1	6	...	...
	Conjunctivitis ...	...	...	...	...
	Other ...	3	2	...	1
3 Mouth, Throat, Nose and Ear:	Carious teeth ...	36	202	...	...
	Enlarged Tonsils ...	76	103	...	...
	Adenoids ...	4	...	...	...
	Enlarged Tonsils and adenoids ...	10	5	...	...
	Enlarged Turbinate ...	6	1	...	1
	Tonsillitis ...	...	2	...	5
	Pharyngitis ...	...	16	...	...
	Otorrhoea ...	...	13	...	1
	Deafness ...	...	48	...	...
	Other ...	3	...	...	...
4 Lungs:	Pulmonary Tuberculosis ...	...	...	...	...
	Bronchitis and Bronchial Catarrh ...	...	3	...	...
	Suspected Tuberculosis ...	...	1	...	...
	Influenza ...	...	...	...	...
	Other ...	...	2	...	3
5 Other Tuberculosis:	Glands ...	...	...	...	...
	Bones and Joints ...	...	...	...	31
	Other ...	...	...	...	24
6 Heart and Circulation:	Heart Disease, organic, functional ...	14	37	...	63
	Anaemia ...	1	4	...	65
Totals		273	...	648	...

Table III.—SNEWING the number of SPECIAL CASES excluded, re-admitted, and under observation during 52 weeks ending 28th December, 1918.

	Cases remaining excluded at 29-12-17.	Cases coming under observation during 52 weeks under report.	Cases excluded during 52 weeks under report.	Cases re-admitted during 52 weeks under report.	Cases remaining excluded or underobservat'n at 28-12-18.	No. of examinations made of cases during 52 weeks under report.	Total No. days Attendances lost in cases excluded for a known period.
1a Ringworm, head ...	6	40	38	41	5	186	1690
" body ...	4	31	31	31	4	108	557
1 Other Diseases of skin ...	27	398	381	395	14	1207	5756
2a Defective Vision ...	1	28	...	...	1	28	...
2 Other affections of Eye ...	2	19	17	17	2	73	355
3a Carious Teeth ...	1	12	5	6	...	21	80
3 Other dis. of throat, nose, etc.	3	62	35	37	2	115	655
4a Pulmonary Tuberculosis ...	2	2	2	2	2	4	1540
4 Other diseases of Lungs ...	9	40	36	40	5	101	1084
5 Other forms of Tuberculosis	1	5	4	3	3	6	129
6 Diseases of Heart & Circulat'n	3	14	9	11	2	25	984
7 Diseases of Nervous System	4	26	15	18	2	49	578
8 Mental Conditions ...	1	5	...	2	2	6	...
9 Physical Defects ...	...	4	2	2	1	7	79
10 Diseases of Digestive System	1	31	26	26	1	50	233
11 Other Diseases ...	5	138	96	97	6	218	1535
12 Nitty & Verminous Conditions	2	68	67	68	2	203	807
13 Other reasons ...	1	63	10	11	...	84	93
Totals ...	73	986	774	807	54	2491	16155

Table IV.—TREATMENT OF DEFECTS, 1918.
(Cases discovered at Routine Medical Inspection).

DEFECT.	No. of defects found.		No. of defects for which no report.	No. of defects treated.	Result of Treatment.			No. of defects not treated.	Percentage of defects treated.
	From previous year.	New.			Remedied	Improved	Unchan'd		
1a Ringworm, Head ...	...	1	...	1	1†	...	...	...	100.0
Body... ..	...	...	...	...	...	...	...	...	...
1 Other Diseases of Skin...	10	8	14	3	3	...	...	1	75.0
2a Defective Vision ...	135	107	194	48	41*	3	4†	38	55.8
2 Other Conditions of Eye ...	17	12	24	4	4	...	...	1	80.0
3a Carious Teeth ..	496	238	562	81	13	67	1	91	47.1
3 Other dis.of mouth,throat,nose,&c.	537	287	601	93	55	37	1	130	41.7
4a Pulmonary Tuberculosis ..	...	...	...	...	...	...	...	...	...
4 Other Diseases of Lungs ...	4	6	9	1	1	...	...	...	100.0
5 Other forms of Tuberculosis ...	...	...	...	...	...	...	...	...	...
6 Heart and Circulation ...	91	56	114	10	6	4	...	23	30.3
7 Nervous System ...	11	2	8	3	1	2	...	2	60.0
8 Mental Conditions ...	27	...	21	3	...	3	...	3	50.0
9 Physical Defects...	4	1	...	4	1	3	...	1	80.0
10 Digestive System ...	2	1	2	1	...	1	...	...	100.0
11 Other Diseases ...	25	19	35	5	2	3	...	4	55.5
12 Nitty and Verminous Conditions	80	31	75	31	26	5	...	5	86.1
13a Clothing ...	123	24	91	44	31	13	...	12	78.2
13b Footgear ...	194	63	172	66	51	15	...	19	77.6
13c Nutrition ...	56	65	97	18	2	16	...	6	75.0
Totals ...	1812	921	2019	416	238	172	6	336	55.3

*Including 38 dealt with at School Clinic. †Dealt with at School Clinic; glasses not required or useless.
‡Treated at School Clinic.

REPORT *Dur*
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HETTON.

1918.

Easington Lane :
J. T. GOYMER, Phoenix Printing Works, High Street,
1919.

